Claims

1.	A	peripheral	device	of	a	programmable	controller,
~~characterized by~~ comprising:

display means on which a plurality of windows are displayed; and

managing means for outputting, to programmable controllers corresponding to the windows, processing requests that request execution of monitoring processes in the programmable controllers, and for outputting, when receiving a processing result of the monitoring processes in the program controllers that are based on the processing requests, the ~~received~~ processing result ^received^ to the windows, ^wherein^ ~~the peripheral device further characterized in that:~~

the processing requests are output at output periods that are different for the respective programmable controllers corresponding to the respective windows.

2.	The peripheral device of a programmable controller according to claim 1, ~~characterized by further~~ comprising/

input means in which the output periods of the processing requests that are output from the managing means are set for the respective programmable controllers corresponding to the respective windows ^wherein^ ~~the peripheral device further characterized in that:~~

the managing means outputs the processing requests to the programmable controllers based on the output periods that have been set in the input means.

3.   The peripheral device of a programmable controller according to claim 1, ~~characterized by further~~ comprising/

input means for selecting an arbitrary window from the plurality of windows, wherein ~~the peripheral device further characterized in that:~~

the managing means outputs a processing request to only a programmable controller corresponding to the selected window.

4.   The peripheral device of a programmable controller according to claim 1, ~~characterized by further~~ comprising/

input means for selecting an arbitrary window from the plurality of windows, ~~the peripheral device further characterized in that:~~

the managing means switches the output period of the processing request that is output to the programmable controller in accordance with whether the programmable controller corresponds to the window that has been selected by the input means.

5.   The peripheral device of a programmable controller according to claim 4, wherein ~~characterized in that~~ an output period of a processing request that is output to a programmable controller corresponding to the window that has been selected by the input means is shorter than an output period of a processing request that is output to

a programmable controller corresponding to a window that has not been selected.

6.   The peripheral device of a programmable controller according to claim 1, ~~characterized by further~~ comprising:

input means for selecting an arbitrary window from the plurality of windows; and

a timer for measuring, for each of the plurality of windows, a time during which the arbitrary window is selected by the input means, wherein ~~the peripheral device further characterized in that:~~

the managing means outputs the processing requests to the respective programmable controllers corresponding to the respective windows at output periods that are based on the times that have been measured by the timer.

7.   The peripheral device of a programmable controller according to claim 6, wherein ~~characterized in that~~ the output period of the processing request that is output to the programmable controller corresponding to the arbitrary window is obtained by selecting a maximum value from the times during which the respective windows have been selected by the input means and that have been measured by the timer, dividing the selected maximum value by the time of the arbitrary window, and multiplying a resulting quotient by a reference period that is input through the input means.

8.   A peripheral device of a programmable controller, characterized by comprising:

display means on which a window is displayed;

input means for specifying an arbitrary portion of the window; and

managing means for outputting, to a programmable controller corresponding to the window, a processing request that requests execution, by the programmable controller, of a monitoring process relating to only the specified portion of the window, and for outputting, when receiving a processing result of the monitoring process of the programmable controller that relates to only the specified portion of the window and that is based on the processing request, the received processing result to the window.

9. The peripheral device of a programmable controller according to claim 8, ~~characterized in that~~ *wherein* the ~~specified~~ portion of the window *specified* is a portion where an output result is indicated.

10. The peripheral device of a programmable controller according ~~to any one of~~ claims 1 *wherein* ~~to 9~~ characterized in that the processing results of the monitoring processes in the programmable controllers that are output to the windows are updated at updating periods that are different for the respective programmable controllers based on the output periods of the processing requests that were output from the managing means to the programmable controllers.

11. A monitoring method of a peripheral device of a programmable controller, ~~characterized by~~ comprising:

~~a first step of~~ outputting processing requests that request execution of monitoring processes in programmable controllers

corresponding to respective windows being displayed on display means to the programmable controllers at output periods that are different for the respective programmable controllers;

~~a second step of~~ receiving, based on the output periods, processing results of the monitoring processes in the programmable controllers that are based on the processing requests; and

~~a third step of~~ outputting the ~~received~~ processing results_∧ to the windows.

received

12. The ~~monitoring~~ method _∧*of*_∧ a peripheral device of a

monitoring

programmable controller according to claim 11, ~~characterized by~~ ~~further~~ comprising:

~~a fourth step of~~ setting, with input means, the output periods of the processing requests for the respective programmable controllers corresponding to the respective windows,

wherein

_∧~~the monitoring method further characterized in that:~~

are output

~~the first step outputs~~ the processing requests_∧based on the output periods that have been set with the input means.

13. The monitoring method of a peripheral device of a programmable controller according to claim 11, characterized by further comprising:

a fourth step of selecting, with input means, an arbitrary window from the plurality of windows, the monitoring method further characterized in that:

the first step outputs a processing request to only a programmable controller corresponding to the selected window.

14. The (monitoring method of) a peripheral device of a programmable controller according to claim 11, ~~characterized by further~~ comprising:

~~a fourth step of~~ selecting, with input means, an arbitrary window from the plurality of windows, wherein ~~the monitoring method further characterized in that:~~

~~the first step outputs the~~ processing requests are output while switching the output period of the processing request that is output to the programmable controller in accordance with whether the programmable controller corresponds to the window that has been selected with the input means.

15. The ~~monitoring~~ monitoring method of a peripheral device of a programmable controller according to claim 11, ~~characterized by further~~ comprising:

~~a fourth step of~~ selecting, with input means, an arbitrary window from the plurality of windows; and

~~a fifth step of~~ measuring and accumulating, with a timer, for each of the plurality of windows, a time during which the arbitrary window is selected with the input means, wherein ~~the monitoring method further characterized in that:~~

~~the first step outputs~~ the processing requests are outputs at output periods that are based on the times that have been measured with the timer.

16. The monitoring method of a peripheral device of a programmable controller according to claim 11, characterized by further comprising:

a fourth step of specifying, with input means, an arbitrary portion of a window, the monitoring method further characterized in that:

the first step outputs a processing request that requests a programmable controller corresponding to the window having the specified portion to execute a monitoring process relating to the specified portion.